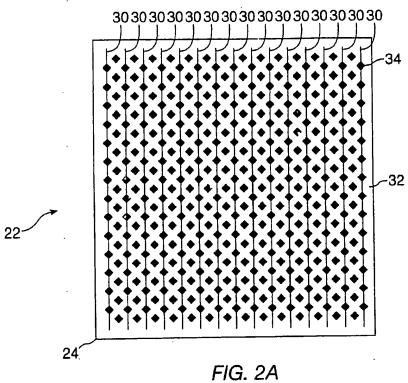


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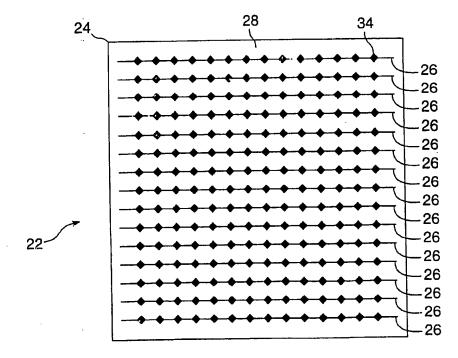
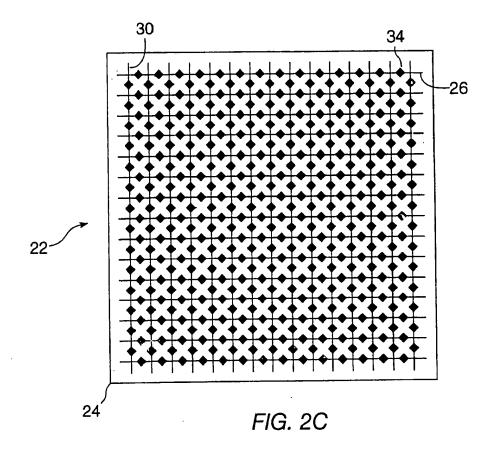
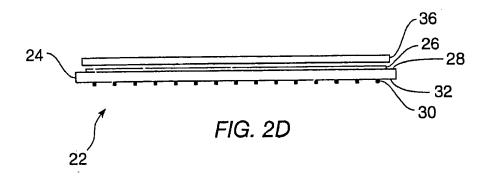


FIG. 2B

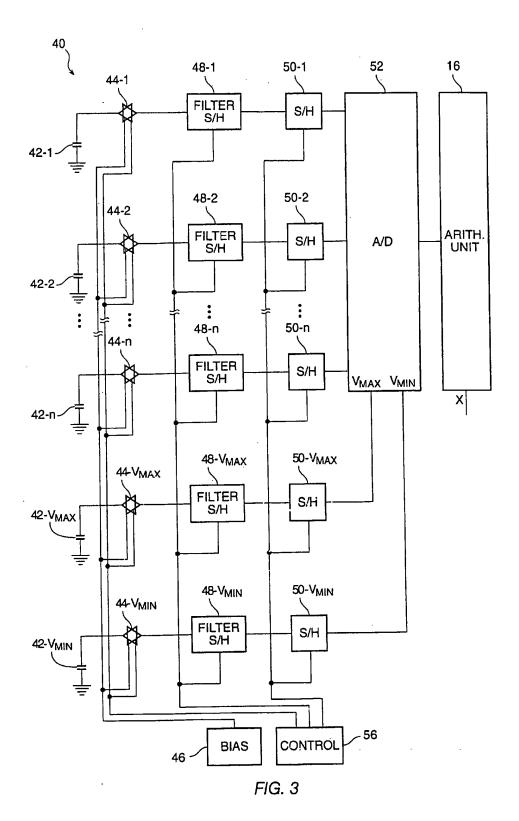




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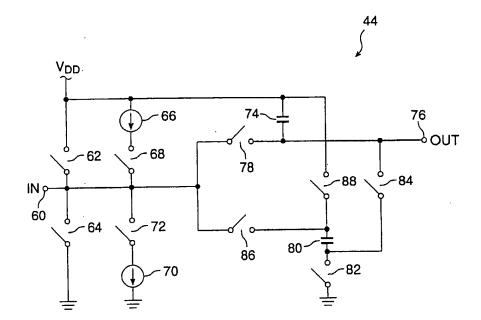


FIG. 4A

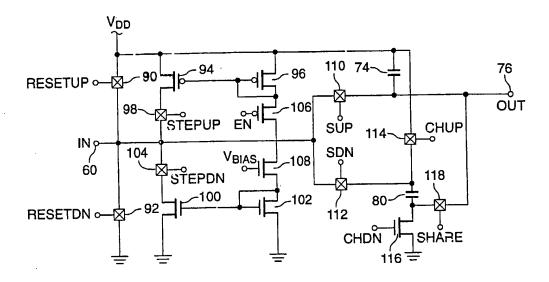
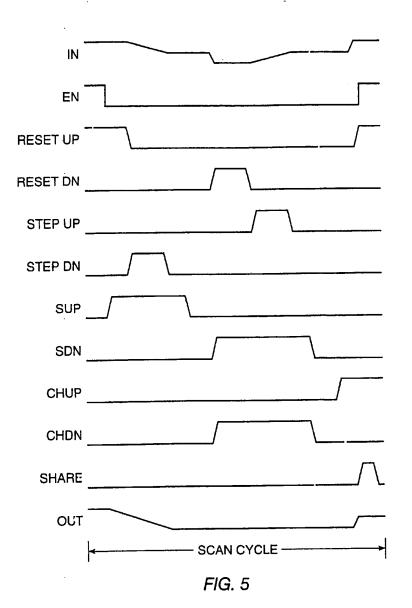


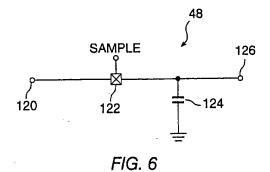
FIG. 4B

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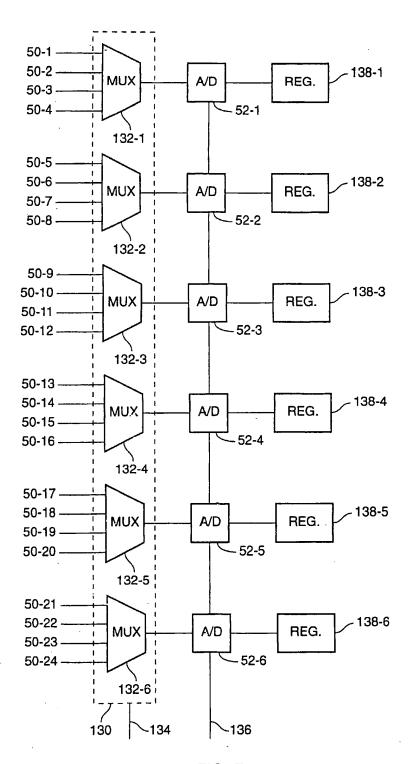


FIG. 7

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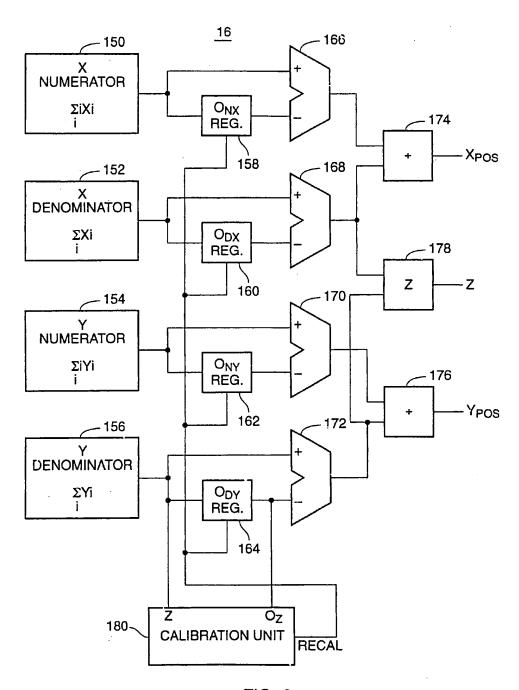


FIG. 8

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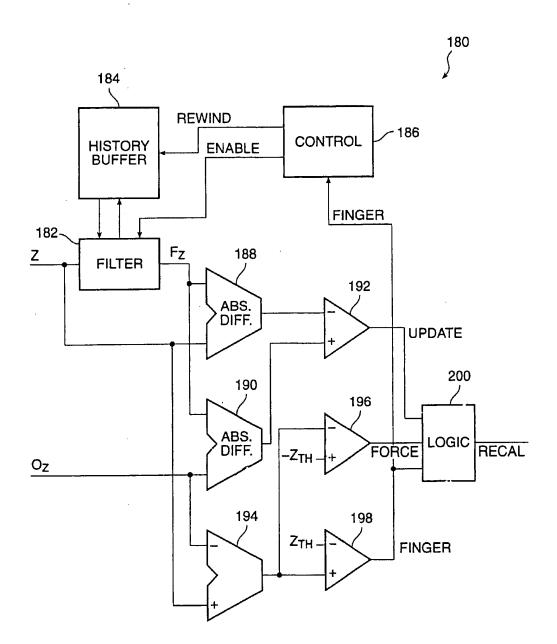
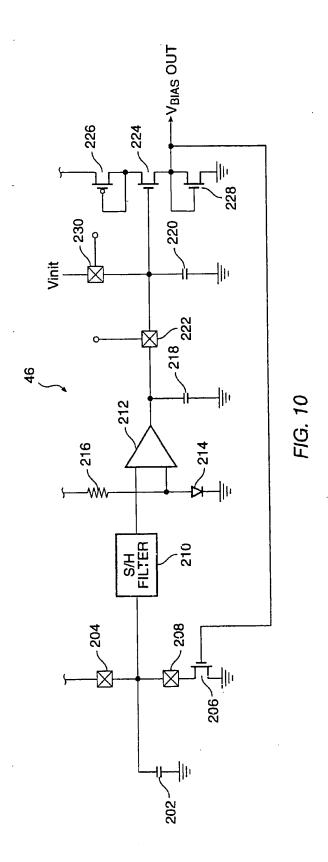


FIG. 9



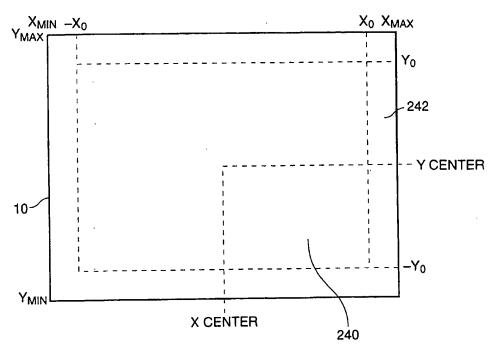


FIG. 11

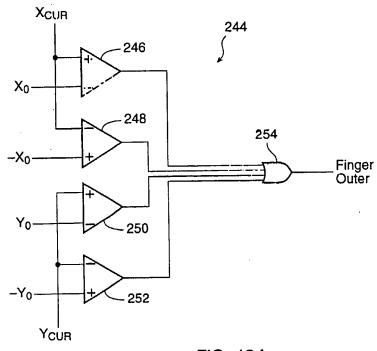


FIG. 12A

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Title: Object Position Detector with Edge Motion Feature and Gesture Recognition Attorney: Kenneth D'Alessandro

Sierra Patent Group, Ltd.

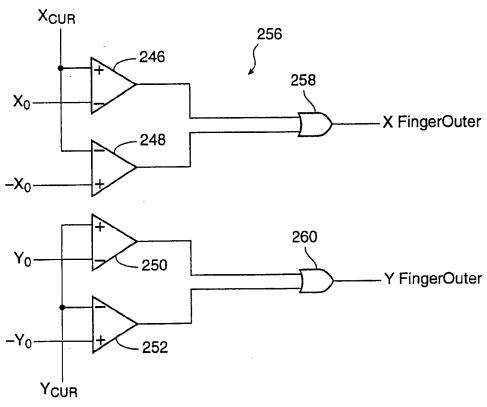
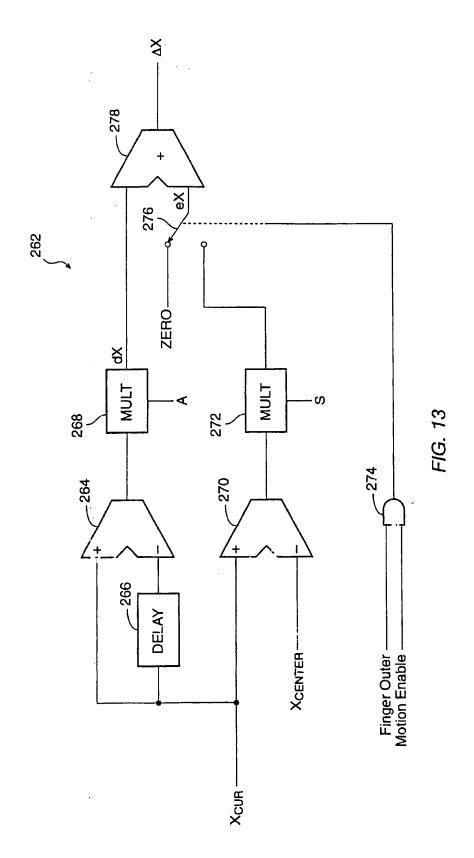


FIG. 12B



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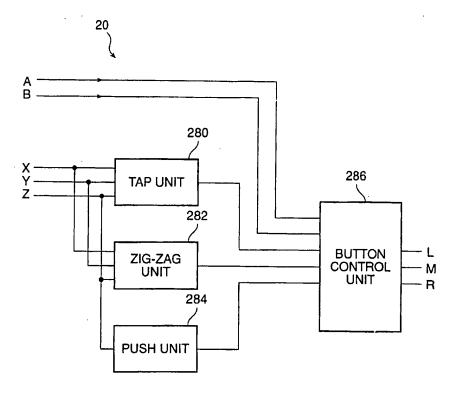


FIG. 14

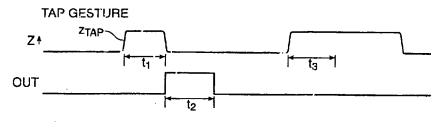
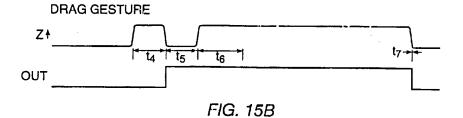


FIG. 15A



Express Mail: EU975043905US Inventor: Gillespie et al.

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Title: Object Position Detector with Edge Motion Feature and Gesture Recognition

Attorney: Kenneth D'Alessandro Sierra Patent Group, Ltd.

TAP GESTURE WITH VARIABLE DRAG TIME

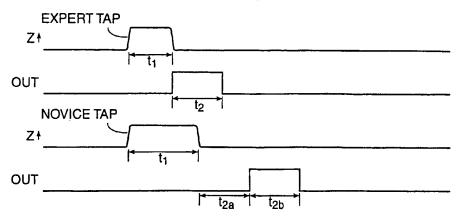
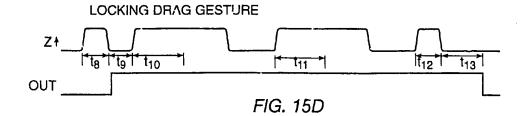


FIG. 15C



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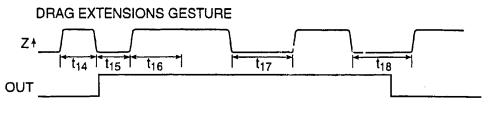


FIG. 15E

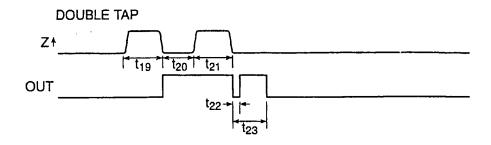


FIG. 15F

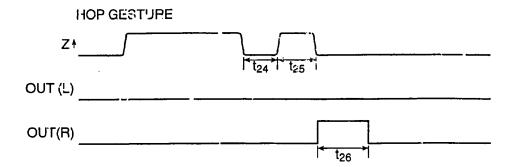


FIG. 15G

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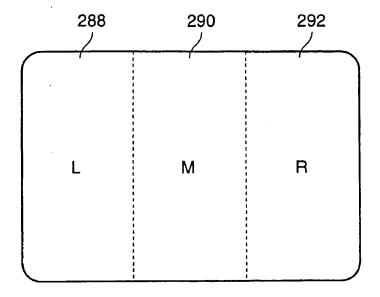


FIG. 16A

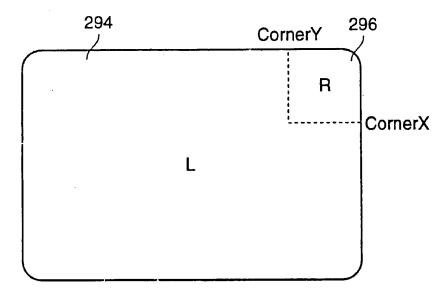


FIG. 16B

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Attorney: Kenneth D'Alessandro

Sierra Patent Group, Ltd.

300 **START** 302-Ν $Z > Z_{TH}$ 304-PRE-**VIOUSLY** DOWN 320 N 306- $Z > Z_{TAP}$ **LOCKED** TAP **TAPSTATE** - 322 314 NONE 308-TAPOKAY ← TRUE DIST > DRAGEXTRADIUS DIST > Ν Ν 316 DRAG-LOCK ENABLED 310 TAPSTATE ← NONE DOWNPOS ← CURPOS DOWNTIME ← CURTIME 312 -TAPOKAY ← FALSE SUPPRESS ← FALSE 318 ~

FIG. 17A

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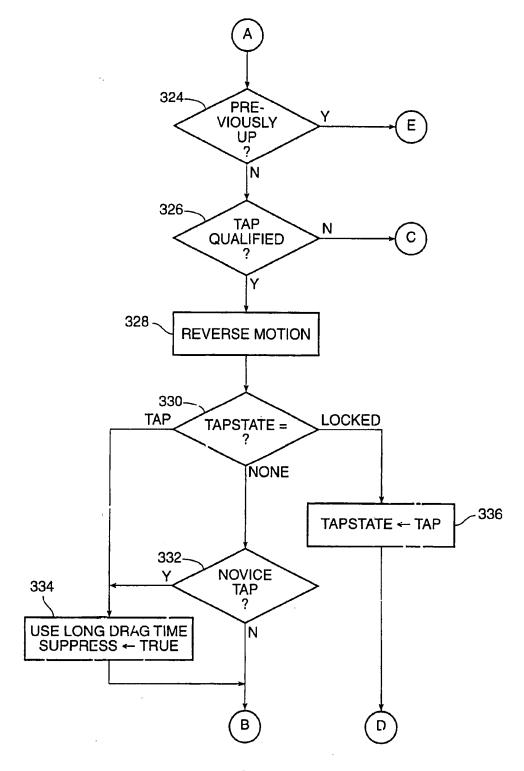


FIG. 17B

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Title: Object Position Detector with Edge Motion Feature and Gesture Recognition

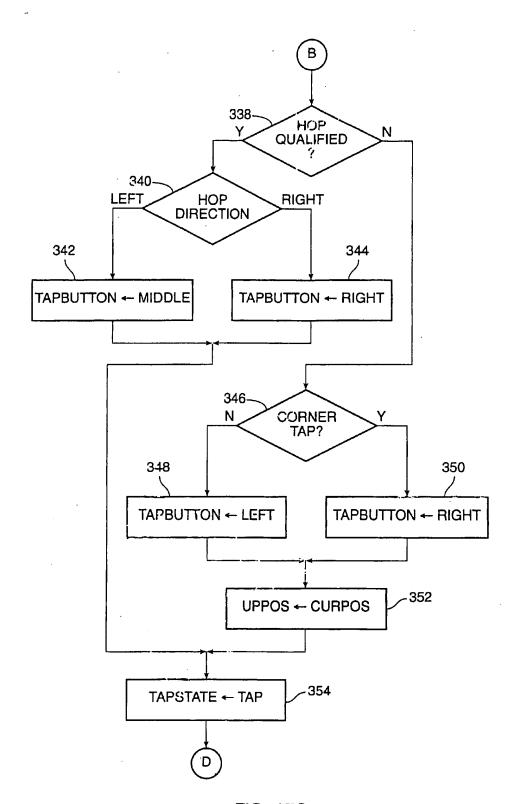


FIG. 17C

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Title: Object Position Detector with Edge Motion Feature and Gesture Recognition

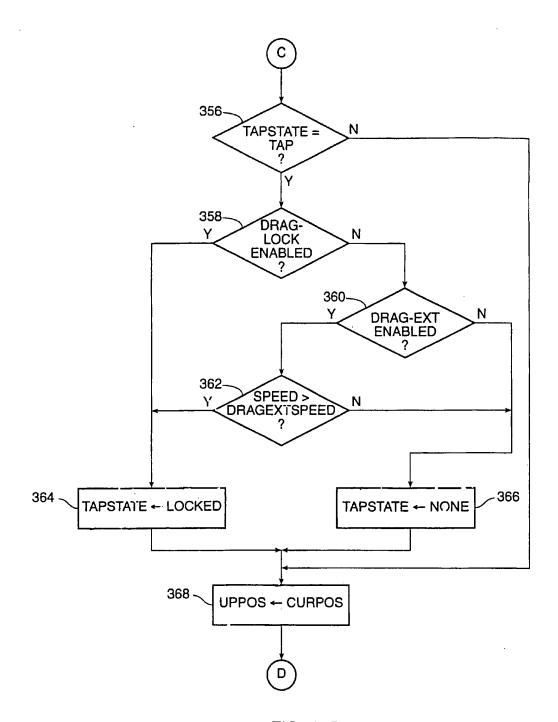


FIG. 17D

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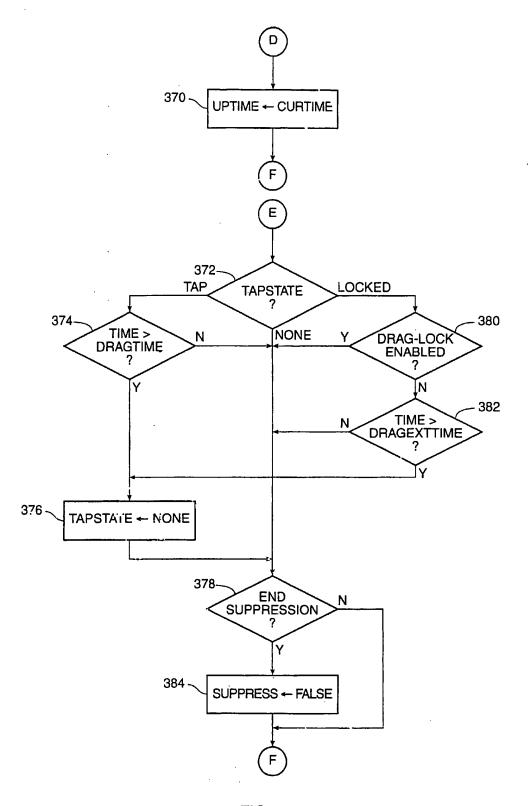


FIG. 17E

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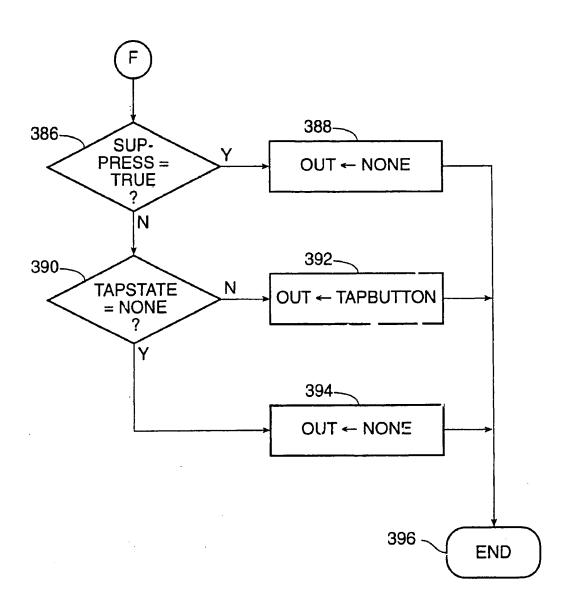


FIG. 17F

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Title: Object Position Detector with Edge Motion Feature and Gesture Recognition

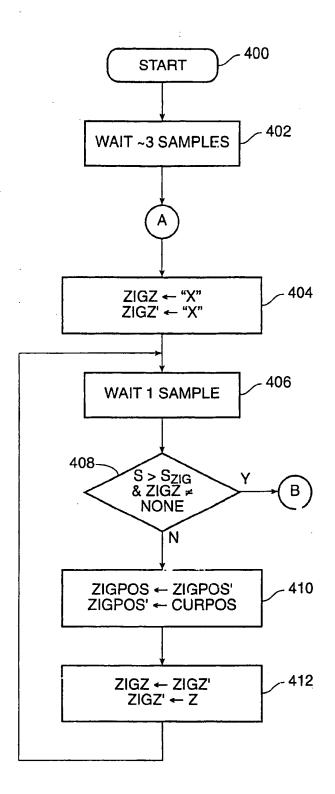


FIG. 18A

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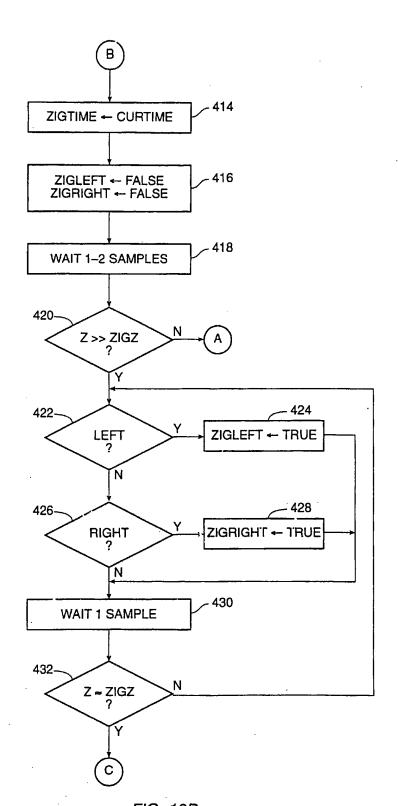


FIG. 18B

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Title: Object Position Detector with Edge Motion Feature and Gesture Recognition

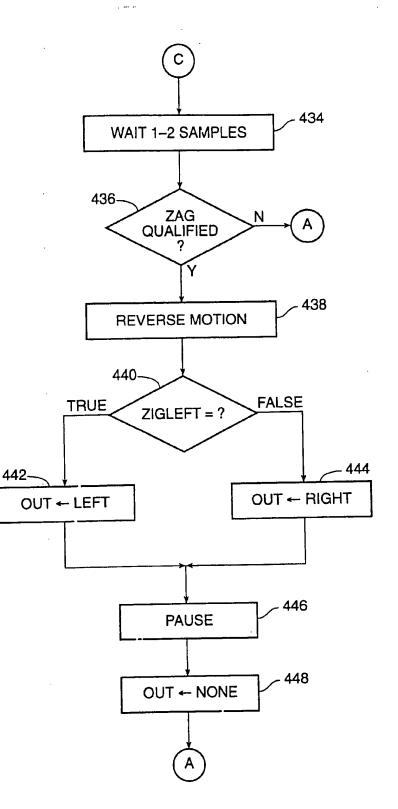


FIG. 18C

Filed: March 26, 2004

Title: Object Position Detector with Edge Motion Feature and Gesture Recognition

Attorney: Kenneth D'Alessandro Sierra Patent Group, Ltd.

PUSH GESTURE

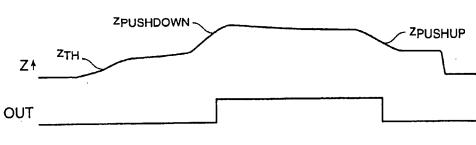


FIG. 19

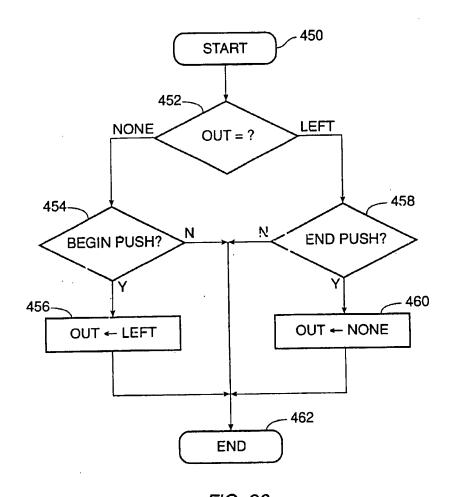


FIG. 20

